

# PATENT ABSTRACTS OF JAPAN

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(71)Applicant : TOPPAN PRINTING CO LTD

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(72)Inventor : FUKUYOSHI KENZO  
KIMURA YUKIHIRO  
IMAYOSHI KOJI

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## (54) ELECTRODE SUBSTRATE AND ITS MANUFACTURE

(57)Abstract:

**PROBLEM TO BE SOLVED:** To provide an electrode substrate on which a conducting film having excellent optical characteristics (transmission, reflectivity), low electrical connection resistance, good patternability, and high reliability is formed.

**SOLUTION:** In an electrode substrate 9 for a display device, having a substrate and a multilayered conducting film, the multilayered conducting film has a lower amorphous oxide layer 2 made of an amorphous or quasi-amorphous oxide inhibiting the migration of silver at an interface to a silver thin film, the silver thin film 3, and an upper amorphous oxide layer 4 made of an amorphous or quasi-amorphous oxide inhibiting the migration of silver at the interface to the silver thin film 3, the film thickness of at least the upper amorphous oxide layer 4 being 20 nm or less.

